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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/781,000	02/18/2004	Moris Dovek	HT03-005	2422	
STEPHEN B. A	7590 02/27/2007 A CK FRM A N	EXAMINER			
28 DAVIS AVENUE			KLIMOWICZ, WILLIAM JOSEPH		
POUGHKEEPSIE, NY 12603			ART UNIT	PAPER NUMBER	
			2627		
			MAIL DATE	DELIVERY MODE	
			02/27/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

## Advisory Action Before the Filing of an Appeal Brief

Application No.	Applicant(s)		
10/781,000	DOVEK ET AL.		
Examiner	Art Unit	-	
William J. Klimowicz	2627		

•	William J. Klimowicz	2627	
The MAILING DATE of this communication appe	ars on the cover sheet with the	correspondence ado	ress
THE REPLY FILED 08 February 2007 FAILS TO PLACE THIS.	APPLICATION IN CONDITION FO	OR ALLOWANCE.	
<ol> <li>The reply was filed after a final rejection, but prior to or on this application, applicant must timely file one of the follow places the application in condition for allowance; (2) a No a Request for Continued Examination (RCE) in compliance time periods:</li> <li>a) The period for reply expiresmonths from the mailing b) The period for reply expires on: (1) the mailing date of this A no event, however, will the statutory period for reply expire let</li> </ol>	ving replies: (1) an amendment, a tice of Appeal (with appeal fee) in the with 37 CFR 1.114. The reply may date of the final rejection.  Individual date set fortion of the mailing the mailing of the mailing the mailing of the mailing the mailing of the mailing	ffidavit, or other evider compliance with 37 C nust be filed within one in the final rejection, who date of the final reject	nce, which FR 41.31; or (3) of the following sichever is later. In on.
Examiner Note: If box 1 is checked, check either box (a) or ( TWO MONTHS OF THE FINAL REJECTION. See MPEP 7		IE FIRST REPLY WAS F	ILED WITHIN
Extensions of time may be obtained under 37 CFR 1.136(a). The date have been filed is the date for purposes of determining the period of ex under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the set forth in (b) above, if checked. Any reply received by the Office later may reduce any earned patent term adjustment. See 37 CFR 1.704(b) NOTICE OF APPEAL	on which the petition under 37 CFR 1 tension and the corresponding amoun shortened statutory period for reply or than three months after the mailing d	t of the fee. The appropr ginally set in the final Off	iate extension fee ice action; or (2) as
<ol> <li>The Notice of Appeal was filed on A brief in comp filing the Notice of Appeal (37 CFR 41.37(a)), or any exter a Notice of Appeal has been filed, any reply must be filed</li> </ol>	nsion thereof (37 CFR 41.37(e)), t	o avoid dismissal of th	hs of the date of ne appeal. Since
AMENDMENTS .		6 - 90 4 b 4 4 b	
<ol> <li>The proposed amendment(s) filed after a final rejection,</li> <li>They raise new issues that would require further co</li> <li>They raise the issue of new matter (see NOTE belo</li> <li>They are not deemed to place the application in bet appeal; and/or</li> <li>They present additional claims without canceling a</li> </ol>	nsideration and/or search (see Now); w); ter form for appeal by materially r	OTE below); educing or simplifying	٠.
NOTE: (See 37 CFR 1.116 and 41.33(a)).			
4. The amendments are not in compliance with 37 CFR 1.1.	<ol><li>See attached Notice of Non-C</li></ol>	ompliant Amendment	(PTOL-324).
5. Applicant's reply has overcome the following rejection(s)			•
<ol> <li>Newly proposed or amended claim(s) would be all non-allowable claim(s).</li> </ol>	•		
7.  For purposes of appeal, the proposed amendment(s): a) how the new or amended claims would be rejected is protected. The status of the claim(s) is (or will be) as follows: Claim(s) allowed: NONE. Claim(s) objected to: NONE. Claim(s) rejected: 1,3-6,19 and 21-24. Claim(s) withdrawn from consideration: NONE.		ill be entered and an	explanation of
AFFIDAVIT OR OTHER EVIDENCE			
<ol> <li>The affidavit or other evidence filed after a final action, bu because applicant failed to provide a showing of good an was not earlier presented. See 37 CFR 1.116(e).</li> </ol>	t before or on the date of filing a l d sufficient reasons why the affida	Notice of Appeal will <u>no</u> wit or other evidence i	ot be entered s necessary and
9.  The affidavit or other evidence filed after the date of filing entered because the affidavit or other evidence failed to of showing a good and sufficient reasons why it is necessar	overcome <u>all</u> rejections under app y and was not earlier presented.	eal and/or appellant fa See 37 CFR 41.33(d)(	ils to provide a 1).
10. The affidavit or other evidence is entered. An explanatio REQUEST FOR RECONSIDERATION/OTHER	n of the status of the claims after	entry is below or attac	hed. ,
11. The request for reconsideration has been considered bu See Examiner's Comments, appended herewith.	t does NOT place the application	in condition for allowa	nce because:
12.  Note the attached Information Disclosure Statement(s).	(PTO/SB/08) Paper No(s)	1	/ <b>A</b>
13. Other:		الرسال الأرسال William J. Klimowi	cz
		Primary Examiner	

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## Examiner's Comment

The After-Final Amendment filed on February 8, 2007, will be entered; however, it is noted that the proposed amendments to the claims do not place the case in immediate condition for allowance.

The Applicant states at page 8 of the After-Final Amendment & Response, filed on February 8, 2007:

The new claim 1 limitation explicitly states the unique aspect of the instant application over Carpenter and other prior art. The use of *a single crossing point* halfway along the write lines allows the a positive crosstalk voltage and a negative crosstalk voltage to cancel each other out to zero, as described by the following equation which is from page 11 of the instant application.

Emphasis added. The Examiner notes that the claims, as previously presented, and in the proposed After-Final Amendment, do not in any way require a "single crossing point" as argued by the Applicant.

Carpenter et al. (WO 98/20485 A1) discloses a crosstalk and EME (electromagnetic emission) minimizing trace suspension assembly structure (16) and a method thereof, comprising: multiple write lines (e.g., 60, 62) which are crossed between a preamplifier connection point (at 54) and slider contact pads (22) (e.g., see, *inter alia*, page 7, line 12-23 and page 8, lines 20-29); multiple read lines (e.g., 60, 62 - see in particular page 8, lines 21-25) driven by pre-amplifier circuits (including 54); the aforementioned slider contact pads (22), which connect said write lines (60, 62) to said trace suspension assembly (16); the

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aforementioned slider contact pads (22), which connect said read lines (another set of service lines (60, 62) to said trace suspension assembly (16); and multiple write line driven by preamplifier circuits (at 54 via the semiconductor IC chip), wherein said multiple write lines which are crossed between said preamplifier connection point and said slider contact pads are used to cancel out time-delayed (transmission line effects) parts of said crosstalk and said EME.

Additionally, a crossing point of said write lines between said preamplifier connection point and said slider contact pads (22) is placed halfway between said preamplifier connection point and said slider contact pads (e.g., the multiple twisted wire effect of the traces allows at least one crossing point "halfway").

Therefore, the proposed After-Final Amendment will be entered, but the rejection to the pending claims will be stated as follows:

Claims 1, 3-6, 19 and 21-24 are rejected under 35 U.S.C. 102(b) as being anticipated by Carpenter et al. (WO 98/20485 A1) for the reasons articulated in the Final rejection, mailed on December 5, 2006.

It is noted, however, that if the Applicant were to amend claim 1 in the manner provided by the After-Final amendment filed on February 8, 2007, by additionally inserting the word -- single-- at line 14 of proposed amended claim 1 and at line 15 of proposed amended claim 19, then claims 1, 3-6, 19 and 21-24 were be favorably considered.

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## Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William J. Klimowicz whose telephone number is (571) 272-7577. The examiner can normally be reached on Monday-Thursday (6:30AM-5:00PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hoa Thi Nguyen can be reached on (571) 272-7579. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) of 571-272-1000.

William (f. Klimo vicz Primary Examiner Art Unit 2627

WJK